UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/789,838	02/26/2004	Ravishankar Ramanathan	50277-2293	8231

7590   11/21/2006

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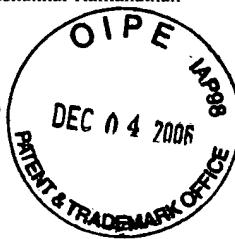
EXAMINER
GORTAYO, DANGELINO N

ART UNIT	PAPER NUMBER
2168	

DATE MAILED: 11/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>26 February 2004</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-16</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-16</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>26 February 2004</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date <u>7/1/2004</u>.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____ .

DETAILED ACTION

1.   Claims 1-16 are pending.

Information Disclosure Statement

2.   The information disclosure statement (IDS) submitted on 7/1/2004 is in

compliance with the provisions of 37 CFR 1.97 and has been considered by the

examiner.

Claim Rejections - 35 USC § 101

3.   35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of
> matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the
> conditions and requirements of this title.

4.   Claims 9-16 are rejected under 35 U.S.C. 101 because the claimed invention is

directed to non-statutory subject matter. The claims are directed towards a "computer-

readable medium". The specification defines the computer readable medium as

"transmission media", including acoustic or light waves, radio waves, infrared data

waves, and carrier waves. Program code contained on transmission media is intangible

and does not fall within the four statutory classes of §101. Proper correction is required.

Claim Rejections - 35 USC § 102

5.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6.   Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by <u>Cannon</u>

et al. (US Patent 7,062,541 B1)

As per claim 1, <u>Cannon</u> teaches "A method of migrating objects from a source

installation to a target installation," (see Abstract)

"comprising: receiving input that selects a set of migrating objects, wherein the

set of migrating objects is a set of objects at the source installation that are to be

migrated to the target installation;" (Figure 5 reference 104, 105 and column 11 lines 11-

22, wherein a request to transfer data objects is received by the source server)

"from a first set of one or more system tables at the source installation, copying

metadata that defines the selected set of migrating objects into a first set of transport

tables at the source installation;" (column 7 lines 43-63, wherein an object attributes

table is made from the objects listing metadata in the source server)

"exporting the metadata from the first set of transport tables at the source

installation;" (column 11 lines 23-35, lines 56-65, wherein a source server transfers

attribute data)

"importing the metadata that was exported from the first set of transport tables

into a second set of transport tables at the target installation site;" (column 12 lines 9-

24, wherein a target server receives attribute data from a source server)

"and merging the metadata from the second set of transport tables into a second set of one or more system tables at the target installation." (Figure 6 and column 12 line 25 – column 13 line 32, wherein attributes are merged with data objects to make a copy of the data in the target server)

As per claim 2, Cannon teaches "the step of exporting includes creating a dump file by invoking an export utility of a database server that manages a database containing the first set of system tables;" (Figure 3 reference 42 and column 8 lines 27-53, "export application")

"and the step of importing includes copying data from the dump file into the section set of system tables by invoking an import utility of a database server that manages a database containing the second set of system tables." (Figure 3 reference 44 and column 9 lines 32-52, "import application")

As per claim 3, Cannon teaches "generating a script file which, when executed in a first mode causes performance of the step of exporting, and when executed in a second mode causes performance of the step of importing." (column 11 lines 11-22, wherein an object transfer list is made to handle exporting and importing of data objects)

As per claim 4, Cannon teaches "the objects are application components created for an application by an application design tool associated with the first installation; and after the step merging, accessing the application components using an application design tool associated with the second installation." (column 13 lines 33-52)

As per claim 5, <u>Cannon</u> teaches "the first set of transport tables are mirrors of the first set of system tables, and include one or more columns in addition to the columns of the first set of system tables." (column 8 lines 28-38)

As per claim 6, <u>Cannon</u> teaches "the second set of transport tables are mirrors of the second set of system tables, and include one or more columns in addition to the columns of the second set of system tables." (column 12 lines 25-35)

As per claim 7, <u>Cannon</u> teaches "the step of merging includes resolving inconsistencies between metadata being copied into the second set of system tables from the second set of transport tables," (column 12 lines 36-49)

"and metadata that already exists in said second set of system tables." (column 12 lines 50-60)

As per claim 8, <u>Cannon</u> teaches "one or more objects in the set of migrating objects have dependencies relative to a set of one or more other objects that have not been selected by the input;" (column 7 line 64 – column 8 line 4, and column 8 lines 11-27)

"the method further comprises the steps of automatically identifying the set of one or more other objects upon which the migrating objects depend;" (column 11 lines 11-15)

"and migrating from the first installation to the second installation the set of other objects along with the set of migrating objects." (column 11 line 64 – column 12 line 8)

As per claim 9-16, <u>Cannon</u> teaches claims 1-8 above. Additionally, <u>Cannon</u>

teaches "A computer-readable medium carrying one or more sequences of instructions"

(column 6 line 59 – column 7 line 4)

Conclusion

7.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Abrams (US Patent 5,151,608 A)

Felsted et al. (US Patent 6,915,287 B1)

Milligan et al. (US Patent 7,107,272 B1)

Krishnamurthy et al. (US Patent 7,136,872 B2)

8.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Dangelino N. Gortayo whose telephone number is

(571)272-7204. The examiner can normally be reached on M-F 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

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Status information for unpublished applications is available through Private PAIR only.

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Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dangelino N. Gortayo   Tim T. Vo
Examiner   SPE

TIM VO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 50277-2293		SERIAL NO. 10/789,838
	APPLICANT: Ravishankar Ramanathan et al.		
	FILING DATE: February 26, 2004		GROUP: 2171

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No.[1]	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code[2] (If known)			
⟨DG⟩		6,643,652		Helgeson, et al.	11-04-2003	
✓		6,324,690		Luu	11-27-2001	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No.[1]	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		Office[3]	Number[4]	Kind Code[5] (If known)				

Examiner Signature	*(signature)*	Date Considered 11/13/06	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
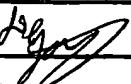
[1]Unique citation designation number. [2]See attached Kinds of U.S. Patent Documents. [3]Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). [4]For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 50277-2293	Application Number: 10/789,838
		First Named Inventor: Ravishankar Ramanathan	
		Filing Date: February 26, 2004	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation[2]
DG		Oracle, "Exporting and Importing Content," http://portalcenter.oracle.com/pls/ops/docs/FOLDER/COMMUNITY/DOCTEAM/DOCINSTC ONF/9026_CG_IMEX.PDF, March 18, 2004	
		Oracle, " Frequently Asked Question (FAQ) for Protal 9.0.2.6 Export/Import," http://portalstudio.oracle.com/pls/ops/docs/FOLDER/COMMUNITY/OTN_CONTENT/MAIN PAGE/DEPLOY_PERFORM/9026_EXPORT_IMPORT_FAQ_0308.HTM, March 5 2004.	
		Oracle, "Oracle9iAS Portal Release Notes Release 2(9.0.2) Section 4 Exporting/Importing Issues and Workarounds" http://portalcenter.oracle.com/pls/ops/docs/FOLDER/COMMUNITY/PORTALRELEASENOT ES/HTML/ch4.htm#1005611, May 2002.	

Examiner Signature		Date Considered	11/13/06

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U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,151,608 A	11-2000	Abrams, Helene G.	707/204
*	B	US-6,915,287 B1	07-2005	Felsted et al.	707/1
*	C	US-7,062,541 B1	06-2006	Cannon et al.	709/219
*	D	US-7,107,272 B1	09-2006	Milligan et al.	707/10
*	E	US-7,136,872 B2	11-2006	Krishnamurthy et al.	707/104.1
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
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